IN THE SPECIFICATION:

Page 10, before the section entitled "Summary of the Invention," insert the following new paragraphs:

In Bakre A.V. et al.: "Implementation and Performance Evaluation of Indirect TCP", IEEE Transactions on Computers, IEEE Inc., New York, U.S., Vol. 46, No. 3, 1 March 1997, pages 260-278, XP000685987, ISSN: 0018-9340, there is described an implementation and performance evaluation of indirect TCP. In more detail, there is presented the implementation and performance of I-TCP, which is an indirect transport layer protocol for mobile wireless environment. Throughout comparison with regular TCP shows that I-TCP performs significantly better in a wide range of conditions related to wireless losses and host mobility. There is also described the implementation and performance of I-TCP handoffs.

Further, in US 2002/036991 A1 (Inoue Atsushi), there is described a communication system using access control for mobile terminals with respect to a local network. In a communication system, even when a mobile terminal device belonging to some mobile carrier does not have a right or a qualification for accessing the fixed communication network via the local network/gateway that is given in advance, this mobile terminal device is enabled to access the fixed communication network via the local network/gateway. This is achieved by carrying out a procedure for paying the fee from the user of the mobile terminal device to the fixed

communication network provided or a procedure for monitoring the mobile terminal device.

Further in Patent Abstract of Japan, Vol. 2002, No. 11, 6 November 2002 & JP 2002 209028 (Mitsubishi Electric Corp.), 26 July 2002, there is described an adhoc network where a start point terminal, relay terminals, and an end point terminal are used to dynamically configure a communication network. The relay terminal records a fact of communication path setting execution together with identifiers of the start point terminal and the end point terminal and the recording is used for a basis of charging information.

Further, in EP-A-0 903 905 (Tokyo Shibaura Electric Co.), there is described a scheme for reliable communications via radio and wire networks, using transport layer connection. Here, a gateway device determines whether or not to carry out a set-up of a connection in divided forms according to an information content of a packet that contains a transport layer protocol data unit requesting a set-up of the transport layer connection between the radio terminal of the radio network and the wire terminal of the wire network.

Further, in US 2002/045424 A1 (Lee Hee Dong), there is described a Bluetooth private network and communication method thereof. The Bluetooth private network comprises Bluetooth access points, each functioning as a base station in each of Bluetooth piconets, a gateway for functioning as an interface between a public

~~network and the Bluetooth private network, sending a beacon signal to each of the Bluetooth devices in local Bluetooth networks to locate the Bluetooth device and a router for functioning as an interface between each of the Bluetooth access points.~~

In the paragraph beginning on page 11, line 31:

The object is also solved by a communication system including a first network with at least a first terminal node, and an ad hoc network with at least a second terminal node, and a gateway for forwarding transmission information between said first terminal node of said first network and said second terminal node of said ad hoc network, ~~wherein said gateway is constituted in accordance with one or more of claims 1 to 29 and wherein said second terminal node is constituted in accordance with one or more of claims 30 to 36~~.

In the paragraph beginning on line 7 of on page 14:

If [[in accordance with claim 7]] the second ad hoc network is a packet switched network, the transmission information comprises one or more transmission packets and said acknowledgement information comprises one or more acknowledgement packets, a transmission characteristics determining unit [[in accordance with claim 8]] is adapted to determine the transmission characteristics for each acknowledged

transmission package of the transmission information. Thus, an accurate accounting

and charging is possible on a packet by packet basis.